

## SAV Series Audio and Visual Luminaires

Class I, Div.1, Group A, B, C, D    Hazardous Locations  
 Class II, Div.1, Group E, F, G    Wet Locations, Type 4X, IP 66  
 Class III  
 Zone 1&2; Zone21&22



### Applications

- In area requiring audio and visual warning when emergency
- Oil and gas plants, oil terminals, refineries, petrochemical and chemical plants, waste and sewage treatment facilities, food processing facilities, breweries and other industrial manufacturing facilities
- In area where corrosion, vibration, moisture, dirt and fibers
- Classified and hazardous locations where flammable gases or vapors may present due to abnormal, unusual or accidental conditions.

### Features

- Audio function with 110–120dB sound intensity, visual function with 45 or 136 times/mins in Red, Green, Yellow colors.
- Audio and visual type, only visual type for option (flash type)
- Customized photocell for option when necessary
- Horizontal mounting type, pendant mounting type for option
- Body: Die-cast aluminum, epoxy coating (grey)
- Len: Shock and temperature resistant borosilicate glass
- Bolts and screws: Stainless steel

### Technical Datasheet

Ex-mark	Ex d ib IIC T6 Gb			
	Ex td IIIC T80°C Db IP66			
Rated Voltage	AC 110/220–240/380V 50/60Hz    DC/AC 12/24/36V			
Rated Wattage(W)	5W LED			
Flash Frequency(times/min)	A–Audio and Visual type	F–Flash type	L–Low Luminous Intensity type	P–Photocell Low Luminous Intensity type
	136	136	45	45
Sound Intensity	110–120dB			
Ambient Temperature	–20° C ~ +40° C / –4° F ~ +104° F			
Cable Entry	NPT3/4" or M25*1.5			
Terminals	Terminal blocks ≤ 2.5mm <sup>2</sup> , cable diameter 10–14mm			
Installation	Horizontal Type/Ceiling Type / Pendant Type			

## Compliances

### IEC Standard

IEC60079-0, IEC60079-1, IEC60079-11

Ex d ib IIC T6 Gb

Ex tb IIIC T80°C Db IP66

Zone 1, Zone 2; Zone 21, Zone 22

IP66

### EU Standard

EN60079-0, EN60079-1, EN60079-11

 II 2 G Ex d ib IIC T6 Gb

 II 2 D Ex tb IIIC T80°C Db IP66

Zone 1, Zone 2; Zone 21, Zone 22

IP66

### NEC & CEC Standard

Class I, Div 1, Grupo A, B, C, D

Class II, Div 1, Group E, F, G

Class III

Wet Locations, Type 4X

IP66

### UL Standard

UL844, UL1598, UL1598A

### CSA Standard

CSA C22.2 No.137

## Catalogue Numbering System

**SAV**

**H**

**R**

**C**

**O**

### Alarm Type

A–Audio and Visual type

F–Flash type

L–Low Luminous Intensity type

P–Photocell Low Luminous Intensity type

### Lamp Color

R–Red

G–Green

Y–Yellow

### Mounting Type

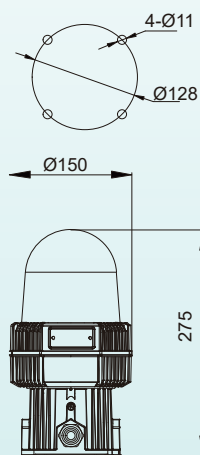
C–Horizontal /Ceiling Type

P–Pendant Type

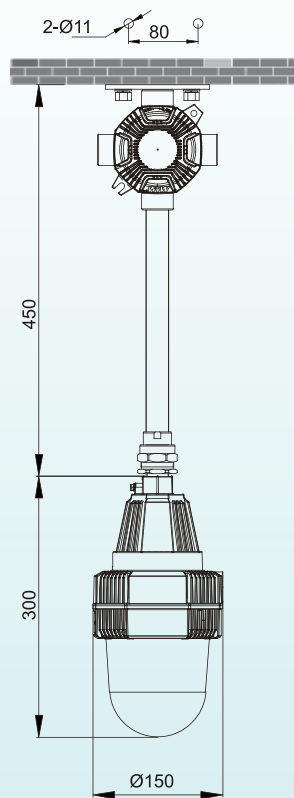
0–Without protected guard

1–With protected guard

## Mounting Options & Dimensions (mm)



Horizontal Type/Ceiling Type



Pendant Type